

CLAIMS

1. Barrier for protection against shock waves, characterized in that it comprises, in combination with each other, a plurality of soil containing and reinforcing structures (20, 22) superimposed on each other in such a way as to form two vertical walls (12), and means of absorbing shock waves (30) positioned inside the said walls (12).
2. Protective barrier according to Claim 1, characterized in that it additionally comprises transverse connecting means (14, 50, 80) engaged with the vertical walls (12) to increase the compactness of the protective barrier.
3. Protective barrier according to Claim 2, characterized in that the transverse connecting means comprise vertical panels (14) and horizontal panels (50, 80).
4. Protective barrier according to Claim 3, characterized in that the vertical panels (14) and horizontal panels (50, 80) are made from wire mesh panels.
5. Protective barrier according to Claim 3, characterized in that the vertical panels (14) and horizontal panels (50, 80) are made from geosynthetic panels.
6. Protective barrier according to Claim 1, characterized in that the means of absorbing shock waves (30) are positioned inside further soil containing and reinforcing structures (40).

7. Protective barrier according to Claim 1, characterized in that the means of absorbing shock waves comprise sound-absorbent materials.

8. Protective barrier according to Claim 7, characterized in that the means of absorbing shock waves comprise containers filled with liquids (30).

9. Protective barrier according to Claim 1, characterized in that the soil containing and reinforcing structures (20, 22) are filled with sand, pebbles, gravel or similar material (21).

10. Barrier for protection against shock waves, characterized in that it comprises, in combination with each other, first soil containing and reinforcing structures (20, 22) superimposed on each other in such a way as to form two opposing vertical walls (12), the first structures (20, 22) comprising box-shaped portions filled with sand, pebbles, gravel or similar material, second soil containing and reinforcing structures (40) positioned inside the vertical walls (12), and means of absorbing shock waves (30) positioned inside the second soil containing and reinforcing structures (40).